

Armand Zini

List of Publications by Citations

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77
papers

3,560
citations

31
h-index

59
g-index

87
ext. papers

4,311
ext. citations

3
avg, IF

5.66
L-index

#	Paper	IF	Citations
77	Sperm DNA damage is associated with an increased risk of pregnancy loss after IVF and ICSI: systematic review and meta-analysis. <i>Human Reproduction</i> , 2008 , 23, 2663-8	5.7	419
76	Are tests of sperm DNA damage clinically useful? Pros and cons. <i>Journal of Andrology</i> , 2009 , 30, 219-29		250
75	Clinical utility of sperm DNA fragmentation testing: practice recommendations based on clinical scenarios. <i>Translational Andrology and Urology</i> , 2016 , 5, 935-950	2.3	201
74	Are sperm chromatin and DNA defects relevant in the clinic?. <i>Systems Biology in Reproductive Medicine</i> , 2011 , 57, 78-85	2.9	166
73	Male Oxidative Stress Infertility (MOSI): Proposed Terminology and Clinical Practice Guidelines for Management of Idiopathic Male Infertility. <i>World Journal of Men's Health</i> , 2019 , 37, 296-312	6.8	151
72	Antioxidants and sperm DNA damage: a clinical perspective. <i>Journal of Assisted Reproduction and Genetics</i> , 2009 , 26, 427-32	3.4	145
71	Critical appraisal of World Health Organization's new reference values for human semen characteristics and effect on diagnosis and treatment of subfertile men. <i>Urology</i> , 2012 , 79, 16-22	1.6	144
70	Sperm DNA damage: clinical significance in the era of assisted reproduction. <i>Cmaj</i> , 2006 , 175, 495-500	3.5	142
69	Are varicoceles associated with increased deoxyribonucleic acid fragmentation?. <i>Fertility and Sterility</i> , 2011 , 96, 1283-7	4.8	117
68	Epidemiology of varicocele. <i>Asian Journal of Andrology</i> , 2016 , 18, 179-81	2.8	117
67	Biologic variability of sperm DNA denaturation in infertile men. <i>Urology</i> , 2001 , 58, 258-61	1.6	102
66	Direct DNA Analysis with Paper-Based Ion Concentration Polarization. <i>Journal of the American Chemical Society</i> , 2015 , 137, 13913-9	16.4	100
65	Antioxidant therapy in male infertility: fact or fiction?. <i>Asian Journal of Andrology</i> , 2011 , 13, 374-81	2.8	90
64	Varicocele is associated with abnormal retention of cytoplasmic droplets by human spermatozoa. <i>Fertility and Sterility</i> , 2000 , 74, 461-4	4.8	79
63	High prevalence of isolated sperm DNA damage in infertile men with advanced paternal age. <i>Journal of Assisted Reproduction and Genetics</i> , 2013 , 30, 843-8	3.4	63
62	Is sperm DNA damage associated with IVF embryo quality? A systematic review. <i>Journal of Assisted Reproduction and Genetics</i> , 2011 , 28, 391-7	3.4	59
61	How to overcome male infertility after 40: Influence of paternal age on fertility. <i>Maturitas</i> , 2014 , 78, 22-9	5	57

60	Sperm head morphology is related to high deoxyribonucleic acid stainability assessed by sperm chromatin structure assay. <i>Fertility and Sterility</i> , 2009 , 91, 2495-500	4.8	54
59	Sperm deoxyribonucleic acid damage in normozoospermic men is related to age and sperm progressive motility. <i>Fertility and Sterility</i> , 2014 , 101, 1588-93	4.8	53
58	Varicocelectomy to "upgrade" semen quality to allow couples to use less invasive forms of assisted reproductive technology. <i>Fertility and Sterility</i> , 2017 , 108, 609-612	4.8	52
57	Lycopene supplementation in vitro can protect human sperm deoxyribonucleic acid from oxidative damage. <i>Fertility and Sterility</i> , 2010 , 94, 1033-6	4.8	52
56	Antisperm antibodies are not associated with pregnancy rates after IVF and ICSI: systematic review and meta-analysis. <i>Human Reproduction</i> , 2011 , 26, 1288-95	5.7	51
55	Influence of initial semen quality on the integrity of human sperm DNA following semen processing. <i>Fertility and Sterility</i> , 2000 , 74, 824-7	4.8	51
54	Smoking is associated with the retention of cytoplasm by human spermatozoa. <i>Urology</i> , 2000 , 56, 463-6	1.6	48
53	Diagnosis and treatment of infertility in men: AUA/ASRM guideline part I. <i>Fertility and Sterility</i> , 2021 , 115, 54-61	4.8	47
52	Paper-Based Quantification of Male Fertility Potential. <i>Clinical Chemistry</i> , 2016 , 62, 458-65	5.5	46
51	Sperm DNA damage: importance in the era of assisted reproduction. <i>Current Opinion in Urology</i> , 2006 , 16, 428-34	2.8	46
50	Preservation of testicular arteries during subinguinal microsurgical varicocelectomy: clinical considerations. <i>Journal of Andrology</i> , 2004 , 25, 740-3		37
49	The histone to protamine ratio in human spermatozoa: comparative study of whole and processed semen. <i>Fertility and Sterility</i> , 2007 , 87, 217-9	4.8	35
48	Sperm DNA fragmentation testing: Summary evidence and clinical practice recommendations. <i>Andrologia</i> , 2021 , 53, e13874	2.4	33
47	Diagnosis and Treatment of Infertility in Men: AUA/ASRM Guideline Part I. <i>Journal of Urology</i> , 2021 , 205, 36-43	2.5	33
46	Anti-sperm antibody levels are not related to fertilization or pregnancy rates after IVF or IVF/ICSI. <i>Journal of Reproductive Immunology</i> , 2011 , 88, 80-4	4.2	30
45	Varicocele: red flag or red herring?. <i>Seminars in Reproductive Medicine</i> , 2009 , 27, 171-8	1.4	30
44	Natural history of varicocele management in the era of intracytoplasmic sperm injection. <i>Fertility and Sterility</i> , 2008 , 90, 2251-6	4.8	29
43	Diagnosis and treatment of infertility in men: AUA/ASRM guideline part II. <i>Fertility and Sterility</i> , 2021 , 115, 62-69	4.8	28

42	SARS-CoV-2 pandemic and repercussions for male infertility patients: A proposal for the individualized provision of andrological services. <i>Andrology</i> , 2021 , 9, 10-18	4.2	27
41	Sperm DNA and chromatin integrity in semen samples used for intrauterine insemination. <i>Journal of Assisted Reproduction and Genetics</i> , 2013 , 30, 1519-24	3.4	26
40	Sperm nuclear histone H2B: correlation with sperm DNA denaturation and DNA stainability. <i>Asian Journal of Andrology</i> , 2008 , 10, 865-71	2.8	26
39	Varicocelelectomy for infertile couples with advanced paternal age. <i>Urology</i> , 2008 , 72, 109-13	1.6	25
38	Use of testicular sperm for ICSI in oligozoospermic couples: how far should we go?. <i>Human Reproduction</i> , 2017 , 32, 7-13	5.7	24
37	Influence of microsurgical varicocelelectomy on human sperm mitochondrial DNA copy number: a pilot study. <i>Journal of Assisted Reproduction and Genetics</i> , 2012 , 29, 759-64	3.4	24
36	Which isolated sperm abnormality is most related to sperm DNA damage in men presenting for infertility evaluation. <i>Journal of Assisted Reproduction and Genetics</i> , 2014 , 31, 527-32	3.4	23
35	Microsurgical varicocelelectomy for infertile couples with advanced female age: natural history in the era of ART. <i>Journal of Andrology</i> , 2004 , 25, 939-43		20
34	Paper-based sperm DNA integrity analysis. <i>Analytical Methods</i> , 2016 , 8, 6260-6264	3.2	19
33	Nomograms for predicting changes in semen parameters in infertile men after varicocele repair. <i>Fertility and Sterility</i> , 2014 , 102, 68-74	4.8	18
32	Diagnosis and Treatment of Infertility in Men: AUA/ASRM Guideline PART II. <i>Journal of Urology</i> , 2021 , 205, 44-51	2.5	17
31	Varicocelelectomy: microsurgical subinguinal technique is the treatment of choice. <i>Canadian Urological Association Journal</i> , 2007 , 1, 273-6	1.2	15
30	Is ex vivo microdissection testicular sperm extraction indicated for infertile men undergoing radical orchiectomy for testicular cancer? Case report and literature review. <i>Fertility and Sterility</i> , 2014 , 101, 956-9	4.8	14
29	Testicular sperm aspiration for nonazoospermic men: sperm retrieval and intracytoplasmic sperm injection outcomes. <i>Urology</i> , 2014 , 84, 1342-6	1.6	14
28	Anti-sperm antibodies are not associated with sperm DNA damage: a prospective study of infertile men. <i>Journal of Reproductive Immunology</i> , 2010 , 85, 205-8	4.2	11
27	A Global Survey of Reproductive Specialists to Determine the Clinical Utility of Oxidative Stress Testing and Antioxidant Use in Male Infertility. <i>World Journal of Men's Health</i> , 2021 , 39, 470-488	6.8	11
26	Use of testicular sperm in couples with SCSA-defined high sperm DNA fragmentation and failed intracytoplasmic sperm injection using ejaculated sperm. <i>Asian Journal of Andrology</i> , 2020 , 22, 348-353	2.8	10
25	Is varicocelelectomy beneficial in men previously deemed subfertile but with normal semen parameters based on the new guidelines? A retrospective study. <i>Urology</i> , 2015 , 85, 357-62	1.6	8

24	The Sixth Edition of the WHO Manual for Human Semen Analysis: A Critical Review and SWOT Analysis.. <i>Life</i> , 2021 , 11,	3	8
23	CUA guideline: Vasectomy. <i>Canadian Urological Association Journal</i> , 2016 , 10, E274-E278	1.2	7
22	An integrated approach to male-factor subfertility: bridging the gap between fertility specialists trained in urology and gynaecology. <i>Journal of Obstetrics and Gynaecology Canada</i> , 2015 , 37, 258-265	1.3	5
21	Sperm DNA Fragmentation: A Critical Assessment of Clinical Practice Guidelines. <i>World Journal of Men's Health</i> , 2021 ,	6.8	5
20	Antisperm Antibody Testing: A Comprehensive Review of Its Role in the Management of Immunological Male Infertility and Results of a Global Survey of Clinical Practices.. <i>World Journal of Men's Health</i> , 2022 ,	6.8	3
19	Medical management of non-obstructive azoospermia: A systematic review. <i>Arab Journal of Urology Arab Association of Urology</i> , 2021 , 19, 215-220	1.7	3
18	Relevance of Leukocytospermia and Semen Culture and Its True Place in Diagnosing and Treating Male Infertility. <i>World Journal of Men's Health</i> , 2021 ,	6.8	3
17	A Comprehensive Guide to Sperm Recovery in Infertile Men with Retrograde Ejaculation. <i>World Journal of Men's Health</i> , 2021 ,	6.8	3
16	Sperm Morphology Assessment in the Era of Intracytoplasmic Sperm Injection: Reliable Results Require Focus on Standardization, Quality Control, and Training. <i>World Journal of Men's Health</i> , 2021 ,	6.8	3
15	Testicular Sperm Aspiration (TESA) or Microdissection Testicular Sperm Extraction (Micro-tese): Which Approach is better in Men with Cryptozoospermia and Severe Oligozoospermia?. <i>Urology</i> , 2021 , 154, 164-169	1.6	3
14	Seminal hyperviscosity is not associated with semenogelin degradation or sperm deoxyribonucleic acid damage: a prospective study of infertile couples. <i>Fertility and Sterility</i> , 2014 , 101, 1599-603	4.8	2
13	Sperm Vitality and Necrozoospermia: Diagnosis, Management, and Results of a Global Survey of Clinical Practice. <i>World Journal of Men's Health</i> , 2021 ,	6.8	2
12	Use of mini-incision microdissection testicular sperm extraction in men with cryptozoospermia and non-obstructive azoospermia. <i>Andrology</i> , 2020 , 8, 1136-1142	4.2	1
11	Vasectomy update 2010. <i>Canadian Urological Association Journal</i> , 2010 , 4, 306-9	1.2	1
10	Sperm retrieval and intracytoplasmic sperm injection outcomes with testicular sperm aspiration in men with severe oligozoospermia and cryptozoospermia. <i>Canadian Urological Association Journal</i> , 2021 , 15, E272-E275	1.2	1
9	UPDATE - 2022 Canadian Urological Association best practice report: Vasectomy.. <i>Canadian Urological Association Journal</i> , 2022 , 16, E231-E236	1.2	1
8	Is a contralateral testicular exploration required at microdissection testicular sperm extraction for men with nonobstructive azoospermia, cryptozoospermia or severe oligozoospermia?. <i>Andrologia</i> , 2021 , 53, e14208	2.4	0
7	Protocol for developing a core outcome set for male infertility research: an international consensus development study.. <i>Human Reproduction Open</i> , 2022 , 2022, hoac014	6.1	0

- 6 Is there a role for varicocelectomy after microdissection testicular sperm extraction? Case report and literature review. *Urology Case Reports*, **2019**, 27, 100994 0.5
- 5 The benefits and limitations of sperm DNA testing in clinical practice. *Translational Andrology and Urology*, **2017**, 6, S326-S327 2.3
- 4 Dr. Zini's rebuttal. *Canadian Urological Association Journal*, **2007**, 1, 281 1.2
- 3 Sperm Retrieval in Cancerous Testes 364-366
- 2 Sperm retrieval in cancerous testes **2021**, 580-583
- 1 Does testicular sperm retrieval adversely impact spermatogenesis over the long-term?. *Andrologia*, **2022**, e14401 2.4